Doc. # 4518 7A

MEMORANDUM **December 6, 1984**

TO: Boston Redevelopment Authority

FROM: Stephen Coyle, Director

SUBJECT: Park Plaza - Agreement between City, State and BRA Concerning Steet and Sidewalk Improvement Project.

For a number of years there has been a public commitment to providing street and sidewalk improvements in the Park Plaza area. These improvements, known as the Urban Systems Project, are designed to support private and public development by substantially upgrading vehicular and pedestrian circulation in the area. In particular this first phase is intended to provide appropriate streets and sidewalks for the State Transportation Building, the Four Seasons Hotel/Condo project, the Druker mixed-use project on the Arlington/Hadassah sub-parcel and new development on the Park Square sub-parcel.

The City Public Works Department provided $500,000 in Chapter 90 funds to the BRA for completion of engineering work on this project. With these funds the Authority's consultant, Universal Engineering Company completed the 100% construction documents in June. The job was advertised by the State for public bid this fall and the bids were opened November 7. John Mahoney Company was the low bidder. The schedule calls for the contractor to start construction March 1, 1985, and for all but clean-up and landscaping to be completed by the end of 1985.

The project involves street and sidewalk improvements to the following street segments: Stuart between Monsignor Shea Road and New Charles; Tremont between Stuart and Boylston Streets; New Charles between Stuart and Boylston; Carver Street; Boylston between New Charles and Arlington; Hadassah Way; and Arlington between Boylston and Park Plaza. Work includes the construction of a new right of way for New Charles Street, a widened Stuart Street, 'English-style' Boylston and pedestrian amenities such as brick sidewalks, trees and acorn lighting.

Originally, this project was to have been paid for by Urban Systems funds in 75% Federal, 25% State shares. However, the State determined that the City has used up its Urban Systems allotment on other projects and that it would pay only for the work around the State Transportation Building. The City Public Works Department through Commissioner Casazza, has made a commitment to pay for 'English-style' Boylston and the BRA to pay for the differential between brick and concrete sidewalks and acorn rectilinear lighting and for Tremont Street between Allen's Alley and Boylston Street, Hadassah Way and Carver Street.

The office estimates of the State's share of the project was $1,873,045; the City's share $985.225; and the BRA's $665,000. The actual low bid figures are: State $1,708,425,05; City, $913,928.50; the BRA, $659,342.50 for a total of $3,281.696.05. The BRA's share is to come from the Park Plaza Loan Order and $665,000 has recently been encumbered by the City for this purpose.

In order for the State to award the contract a three party agreement between the City, BRA and State must be signed. This standard Agreement provides for the apportionment of the work, the expense, ownership and future maintenance of the project. The Agreement has been signed by the DPW Commissioners and must be signed by the Authority and the City before the State will award the contract.

It is therefore recommended that the Authority enter into this Agreement so that the contract can be awarded and therefore work can finally start in Spring 1985 on this long overdue public improvement project.

An appropriate vote follows:

VOTED: That the Director be authorized to sign the Agreement by and among the Commonwealth of Massachusetts, the City of Boston, and the Boston Redevelopment Authority regarding construction of street and sidewalk improvements in the Park Plaza Urban Renewal Area with the Authority funding provided by the Park Plaza Loan Order.

Attachment

Agreement Number 4706

AGREEMENT made this _____ day of _____

involving the COMMONWEALTH OF MASSACHUSETTS, hereinafter called the "Commonwealth", through its DEPARTMENT OF PUBLIC WORKS, hereinafter called the "Department", the BOSTON REDEVELOPMENT AUTHORITY, hereinafter called the "Authority", and the CITY OF BOSTON, hereinafter called the "City".

WHEREAS, the Department proposes to reconstruct certain area Streets in what is known as the Park Plaza Project in the City of Boston, in the County of Suffolk, in said Commonwealth, and

WHEREAS, the City and the Authority desire the Department to expand the project to include additional City Streets, brick sidewalks and Acorn Highway Lighting, all of which is detailed in calculation books numbered 7607 and 7608, and hereinafter referred to as non-participating work, and

WHEREAS, the Department has prepared plans and specifications for the proposed construction, which plans and specifications meet with the approval of the City and the Authority and are on file in the records of the Department.

NOW THEREFORE, in consideration of mutual promises, the Department, the City, and the Authority hereby agree as to the apportionment of the work, the expense, ownership and future maintenance of the above-mentioned work as follows:

The terms of this Agreement incorporated by reference the Standard Specifications of the Department of Public Works. The City and the Authority hereby agree to be bound by any decision by the Department concerning the Standard Specifications.

DIVISION OF WORK

The Department, by its own Contractor, will furnish the necessary labor, materials, equipment and other services for construction of the above-mentioned non-participating work.

A preliminary estimate of items and quantities of work prepared by the Department, dated August 31, 1984 necessary for the non-participating work is attached hereto as "EXHIBIT A" (the City work) and "EXHIBIT B" (the BRA work) and made a part hereof.

DIVISION OF EXPENSE

In consideration of the benefits to be derived by the City and the Authority from the non-participating work, the City and the Authority agree to pay in amounts equal to the unit bid prices of the Department's contractor, per unit of work, for the actual number of units of work completed by the Department's contractor for the non-participating work as noted on the attached "EXHIBIT A" and "EXHIBIT B".

In addition the Authority agrees to pay to the Department's Contractor at the difference in bid price between Item 706, Brick Walk, and Item 701. Concrete Sidewalk-1 Course, for the actual number of Square Yards of Item 706. Brick Walk used at the locations labelled "BRA pays cost differential" in the above mentioned Calculation Books. Also, at the difference in bid price between Item 706.06, Brick Walks at Driveways, and Item 701.1, Concrete Sidewalk-1 Course at Driveways, for the actual number of Square Yards of Item 706.06, Brick Walks at Driveways, at the locations so labelled in the Calculation books.

The Authority further agrees to pay to the Department's Contractor the Sum amount of one hundred sixty six thousand (166,000) dollars towards the Department's cost for the Acorn Highway Lighting System to be installed on the Department's portion of the Project. Also, the Authority agrees to pay the Department's Contractor one hundred seventeen thousand nine hundred (117,900) dollars towards the lighting system on the City's portion of the project.

The following costs relating to the above non-participating work shall also be borne by the City and the Authority.

1. Extra work orders signed by the City's or the Authority's duly authorized Official.

2. Other costs directly attributable to the above work (i.e. safety measures, police protection, etc.) which may arise on any emergency basis thereby precluding the written consent of the City's or the Authority's duly authorized Official.

3. Claims for extra work by the Department's Contractor arising out of but restricted to the above work as to which the Commonwealth shall promptly notify the City or the Authority upon notice to it.

4. Interest charges on Contractor payments levied pursuant to Chapter 506 of the Acts of 1976.

Payments to be made by the City or the Authority are to be made directly to the Department's Contractor at such times and in such amounts as specified in written orders from the Department to the City or the Authority.

OWNERSHIP AND FUTURE MAINTENANCE

Upon completion of the above-mentioned non-participating work, title thereto shall vest with the City of Boston and the City shall thereafter maintain said work as constructed, including the cost thereof.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement on the day and year first above written.

Approved

RDnn

FWH

FKS.

JGM.

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF PUBLIC WORKS

COMMISSIONER

Associate Commissioner

Associate Commissioner

Associate Commissioner

Associate Commissioner

City of Boston

BOSTON REDELVELOPMENT AUTHORITY

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF PUBLIC WORKS
PRELIMINARY ESTIMATE

PAPLAF
02)

BOSTON PARK PLAZA

August 31, 1984

(2)CITY OF BOSTON

ITEM NO.	QUANTITY	UNIT	ITEM DESCRIPTION
20.1	8,320	CY	UNCLASSIFIED EXCAVATION
29.13	100	SY	BITUMINOUS CONCRETE EXCAVATION BY PLANER
29.5	1,790	LF	TRACK EXCAVATION
42.	60	CY	CLASS B TRENCH EXCAVATION
45.	4	EA	DRAINAGE STRUCTURE ABANDONED
46.	1	EA	DRAINAGE STRUCTURE REMOVED
51.	4,700	CY	GRAVEL BORROW
56.	76	TON	CRUSHED STONE FOR DRAINAGE, REVET. AND W.W. FOUNDATIONS
56.12	170	TON	CRUSHED STONE FOR CURB FOUND.
70.	12,560	SY	FINE GRADING AND COMPACTING - SUBGRADE AREAS
01.45	8	EA	CATCH BASIN TYPE 5 (MUN STD)
01.53	4	EA	CATCH BASIN TYPE 13 (MUN STD)
02.11	3	EA	MANHOLE-(MUNICIPAL STANDARD)
08.22	3	EA	DROP INLET (MUN STD)
20.	16	EA	DRAINAGE STRUCTURE ADJUSTED
20.3	1	EA	DRAINAGE STRUCTURE CHANGE IN TYPE
20.5	2	EA	DRAINAGE STRUCTURE REMODELED
22.01	19	EA	FRAME AND GRATE OR COVER (MUNICIPAL STD.)
22.2	2	EA	FRAME AND GRATE OR COVER R+S
26.	14	EA	CLEANING DRAINAGE STRUCTURE
26.3	597	LF	CLEANING DRAINAGE PIPES
37.101	115	LF	10 INCH DUCTILE IRON DRAIN PIPECLASS 55
37.9	500	LB	DUCTILE IRON FITTINGS FOR & DRAIN PIPE-CLASS 55
43.1	300	LF	12 INCH REINFORCED CONC. PIPE CL. IV
43.15	46	LF	15 INCH REINFORCED CONC. PIPE CL. IV
98.9	450	LB	DUCTILE IRON FITTINGS FOR WATER PIPE
1.062	10	LF	6 IN DUCTILE IRON WATER PIPE-CLASS 52

"EXHIBIT A"

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF PUBLIC WORKS
PRELIMINARY ESTIMATE

PAPLAF BOSTON PARK PLAZA

(2)CITY OF BOSTON

ITEM NO.	QUANTITY	UNIT	ITEM DESCRIPTION
45.4	100	LF	4 INCH TEMPORARY SERVICE PIPE
50.06	1	EA	6 IN. GATE + GATE BOX
58.	37	EA	GATE BOX ADJUSTED
67.06	1	EA	6 IN. CAST IRON PLUG
76.2	2	EA	HYDRANT-REMOVED AND RESET
81.3	3	EA	SERVICE BOX ADJUSTED
82.3	2	EA	METER BOX ADJUSTED
85.	40	LB	YOKES AND TIE RODS-STEEL
02.	910	CY	DENSE GRADED CRUSHED STONE FOR SUB-BASE
20.	2,300	TON	CLASS I BITUMINOUS CONCRETE BASE COURSE, TYPE I-1
31.1	3	CY	HIGH-EARLY-STRENGTH CEMENT CONCRETE BASE COURSE
40.	4,850	LB	CALCIUM CHLORIDE FOR ROADWAY DUST CONTROL
41.	640	GAL	BITUMEN FOR ROADWAY DUST CONTROL
43.	37	MGL	WATER FOR ROADWAY DUST CONTROL
60.	1,360	TON	CLASS I BITUMINOUS CONCRETE PAVEMENT TYPE I-1
72.	10	TON	BITUMINOUS CONC. FOR PATCHING
04.	1,015	LF	GRANITE CURB TYPE VA4-STRAIGHT
04.1	410	LF	GRANITE CURB TYPE VA4-CURVED
80.	1,960	LF	CURB REMOVED AND RESET
90.	650	LF	CURB REMOVED AND STACKED
80.22	1	EA	TEMPORARY IMPACT ATTENUATOR BARRIER
80.221	5	EA	TEMPORARY IMPACT ATTENUATOR BARRIER - R & R
01.	1,720	SY	CONCRETE SIDEWALK-1 COURSE
01.1	120	SY	CONCRETE SIDEWALK-1 COURSE AT DRIVEWAYS
06.	2,500	SY	BRICK WALK
06.06	170	SY	BRICK WALK AT DRIVEWAYS
40.	6.36	MO	ENGINEERS FIELD OFFICE AND EQUIPMENT-TYPE A
48.	0.29	LS	MOBILIZATION
48.01	6.36	MO	MONTHLY TRANSPORTATION VEHICLE NO. 1
49.3	8.7	DD	SURVEY PARTY (3 MAN)
49.4	4.4	DD	SURVEY PARTY (4 MAN)
71.961	4	EA	TREE PIT GRATE

"EXHIBIT A"

S#APLAF BOSTON PARK PLAZA

(2)CITY OF BOSTON

ITEM NO.	QUANTITY	UNIT	ITEM DESCRIPTION
775.284	7	EA	LINDEN TREE-SILVER 3-3.5 IN. CALIPER
783.634	3	EA	ZELKOVA TREE-JAPANESE 3-3.5 IN. CALIPER
804.2	330	LF	2 IN. ELECTRICAL CONDUIT - TYPE NM - PLASTIC -(UL)
804.3	3,600	LF	3 IN. ELECTRICAL CONDUIT - TYPE NM - PLASTIC -(UL)
804.32	340	LF	3IN. ELECTRICAL CONDUIT-TYPE NM-PLASTIC-(UL)-JOUBLE
804.4	40	LF	4 IN. ELECTRICAL CONDUIT - TYPE NM - PLASTIC -(UL)
811.23	39	EA	ELECTRIC HANDHOLE - PRECAST (MUNICIPAL STANDARD)
811.282	2	EA	ELECTRIC HANDHOLE - PRECAST SHALLOW DEPTH (MUN. STD.)
811.283	3	EA	ELECTRIC HANDHOLE EXTENDER (MUN. STD.)
811.37	18	EA	ELECTRIC HANDHOLE ADJUSTED
812.091	32	EA	LIGHT STANDARD FOUNDATION PRECAST (MUN STD)
812.095	4	EA	LIGHT STANDARD FOUNDATION REMOVE & RESET
813.40	1,420	LF	WIRE TYPE 8 NO. 10 DIRECT BURIAL
813.43	5,200	LF	WIRE TYPE 8 NO. 4 DIRECT BURIAL
813.524	1,760	LF	WIRE TYPE 10 NO.4 GROUNDING AND BONDING
813.70	144	LF	GROUND ROD
813.79	0.29	LS	INTERCONNECT CABLE SYSTEM
816.01	1	LS	TRAFFIC SIGNAL RECONSTRUCTION LOCATION NO. 1
816.02	1	LS	TRAFFIC SIGNAL RECONSTRUCTION LOCATION NO. 2
823.601	2	EA	HIGHWAY LIGHTING CONTROL CENTER - (MUN. STD.)
823.71	22	EA	HIGHWAY LIGHTING POLE AND LUMINAIRE R+S
823.91	32	EA	CAST IRON LIGHT POST - (MUN. STD.)
823.92	24	EA	CAST IRON BRACKET ARM - (MUN. STD.)

"EXHIBIT A"

S.P.A.P.L.A.F. BOSTON PARK PLAZA

(2)CITY OF BOSTON

ITEM NO.	QUANTITY	UNIT	ITEM DESCRIPTION
775.284	7	EA	LINDEN TREE-SILVER 3-3.5 IN. CALIPER
783.634	3	EA	ZELKOVA TREE-JAPANESE 3-3.5 IN. CALIPER
804.2	380	LF	2 IN. ELECTRICAL CONDUIT - TYPE NM - PLASTIC -(UL)
804.3	3,600	LF	3 IN. ELECTRICAL CONDUIT - TYPE NM - PLASTIC -(UL)
804.32	340	LF	3IN. ELECTRICAL CONDUIT-TYPE NM-PLASTIC-(UL)-DOUBLE
804.4	40	LF	4 IN. ELECTRICAL CONDUIT - TYPE NM - PLASTIC -(UL)
811.28	39	EA	ELECTRIC HANDHOLE - PRECAST (MUNICIPAL STANDARD)
811.282	2	EA	ELECTRIC HANDHOLE - PRECAST SHALLOW DEPTH (MUN. STD.)
811.283	3	EA	ELECTRIC HANDHOLE EXTENDER (MUN. STD.)
811.37	18	EA	ELECTRIC HANDHOLE ADJUSTED
812.091	32	EA	LIGHT STANDARD FOUNDATION PRECAST (MUN STD)
812.095	4	EA	LIGHT STANDARD FOUNDATION REMOVE & RESET
813.40	1,420	LF	WIRE TYPE 8 NO. 10 DIRECT BURIAL
813.43	5,200	LF	WIRE TYPE 8 NO. 4 DIRECT BURIAL
813.524	1,760	LF	WIRE TYPE 10 NO.4 GROUNDING AND BONDING
813.70	144	LF	GROUND ROD
813.79	0.29	LS	INTERCONNECT CABLE SYSTEM
816.01	1	LS	TRAFFIC SIGNAL RECONSTRUCTION LOCATION NO. 1
816.02	1	LS	TRAFFIC SIGNAL RECONSTRUCTION LOCATION NO. 2
823.601	2	EA	HIGHWAY LIGHTING CONTROL CENTER - (MUN. STD.)
823.71	22	EA	HIGHWAY LIGHTING POLE AND LUMINAIRE R+S
823.91	32	EA	CAST IRON LIGHT POST - (MUN. STD.)
823.92	24	EA	CAST IRON BRACKET ARM - (MUN. STD.)

"EXHIBIT A"

BPPLAF BOSTON PARK PLAZA

(2)CITY OF BOSTON

ITEM NO.	QUANTITY	UNIT	ITEM DESCRIPTION
823.93	8	EA	CAST IRON POST LUMINAIRE -(MUN. STD.) (150 WATT)
823.94	46	EA	CAST IRON POST LUMINAIRE -(MUN. STD.) (250 WATT)
826.5	1	EA	FIRE ALARM BOX
826.52	1	EA	FIRE ALARM BOX R&S
827.21	2	EA	24 INCH WARNING CLUSTER (HI-2) -ALUMINUM PANEL TY. A
832.1	215	SF	WARNING-REGULATORY AND ROUTE MARKER - ALUM. PANEL TY. A
851.	0.29	LS	SAFETY CONTROLS FOR CONSTRUCTION OPERATIONS
852.	435	SF	SAFETY SIGNING FOR CONSTRUCTION OPERATIONS
853.11	500	LF	TEMPORARY PRECAST CONCRETE MEDIAN BARRIER
853.111	2,400	LF	TEMPORARY PRECAST CONCRETE MEDIAN BARRIER R & R
853.3	3	EA	PORTABLE BREAKAWAY BARRICADE TYPE III
854.2	200	SF	PAVEMENT MARKING REMOVAL -THERMOPLASTIC
856.	348	UD	SPECIAL LIGHTING UNIT (FLASHING ARROW)
859.01	7,830	DD	REFLECTORIZED DRUM - PLASTIC
859.11	3,915	DD	REFLECTORIZED DRUM - W/FLASHER (TYPE A) - PLASTIC
859.21	3,915	DD	REFLECTORIZED DRUM - W/LIGHT (TYPE C) - PLASTIC
860.04	500	LF	4 IN. REFLECTORIZED WHITE LINE (PAINTED)
861.04	1,500	LF	4 IN REFLECTORIZED YELLOW LINE (PAINTED)
864.04	810	SF	PAVEMENT ARROWS AND LEGENDS REFL. WHITE (THERMOPLASTIC)
865.1	1,580	SF	CROSS WALKS AND STOP LINES REFL. WHITE (THERMOPLASTIC)
866.04	2,730	LF	4 IN. REFLECTORIZED WHITE LINE (THERMOPLASTIC)
866.08	270	LF	8 IN. REFLECTORIZED WHITE LINE (THERMOPLASTIC)
867.04	300	LF	4 IN. REFLECTORIZED YELLOW LINE (THERMOPLASTIC)

"EXHIBIT A"

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF PUBLIC WORKS
PRELIMINARY ESTIMATE

EPAPLAF BOSTON PARK PLAZA

(2)CITY OF BOSTON

ITEM NO.	QUANTITY	UNIT	ITEM DESCRIPTION
868.	350	SF	CORE LINES-REFLECTORIZED WHITE (THERMOPLASTIC)
874.	5	EA	STREET NAME SIGN
874.2	3	EA	TRAFFIC SIGN REMOVED AND RESET
874.3	0.4	LS	TRAFFIC SIGNS REMOVED AND STACKED
875.	8	EA	PARKING METER POST
875.11	9	EA	PARKING METER POST REMOVED AND RESET
877.3	4e	EA	SIGN POST 2 IN. STEEL
904.	1	CY	CLASS D CEMENT CONC. MASONRY
960.	50	LB	STRUCTURAL STEEL
999.001	2900	HRS	Traffic Police

"EXHIBIT A"

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF PUBLIC WORKS
PRELIMINARY ESTIMATE

8PAPLAF BOSTON PARK PLAZA

August 31, 1984

(D)BRA

ITEM NO.	QUANTITY	UNIT	ITEM DESCRIPTION
120.1	920	CY	UNCLASSIFIED EXCAVATION
129.13	150	SY	BITUMINOUS CONCRETE EXCAVATION BY PLANER
129.5	410	LF	TRACK EXCAVATION
151.	1,200	CY	GRAVEL BORROW
156.12	40	TON	CRUSHED STONE FOR CURB FOUND.
170.	3,470	SY	FINE GRADING AND COMPACTING - SUBGRADE AREAS
201.53	1	EA	CATCH BASIN TYPE 13 (MUN STD)
220.	6	EA	DRAINAGE STRUCTURE ADJUSTED
220.5	1	EA	DRAINAGE STRUCTURE REMODELED
220.01	1	EA	FRAME AND GRATE OR COVER (MUNICIPAL STD.)
226.	3	EA	CLEANING DRAINAGE STRUCTURE
226.3	43	LF	CLEANING DRAINAGE PIPES
358.	4	EA	GATE BOX ADJUSTED
402.	190	CY	DENSE GRADED CRUSHED STONE FOR SUB-BASE
420.	470	TON	CLASS I BITUMINOUS CONCRETE BASE COURSE, TYPE I-1
440.	1,110	LB	CALCIUM CHLORIDE FOR ROADWAY DUST CONTROL
441.	150	GAL	BITUMEN FOR ROADWAY DUST CONTROL
443.	5	MGL	WATER FOR ROADWAY DUST CONTROL
460.	290	TON	CLASS I BITUMINOUS CONCRETE PAVEMENT TYPE I-1
504.	210	LF	GRANITE CURB TYPE VA4-STRAIGHT
504.1	40	LF	GRANITE CURB TYPE VA4-CURVED
580.	490	LF	CURB REMOVED AND RESET
590.	210	LF	CURB REMOVED AND STACKED
701.	500	SY	CONCRETE SIDEWALK-1 COURSE
701.	80	SY	CONCRETE SIDEWALK-1 COURSE AT DRIVEWAYS
702.	86	TON	BITUMINOUS CONCRETE WALK SURFACE
706.	50	SY	BRICK WALK
740.	1.75	MO	ENGINEERS FIELD OFFICE AND EQUIPMENT-TYPE A

EXHIBIT B

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF PUBLIC WORKS
PRELIMINARY ESTIMATE

8PAPLAF BOSTON PARK PLAZA

(3)BRA

ITEM NO.	QUANTITY	UNIT	ITEM DESCRIPTION
748.	0.08	LS	MOBILIZATION
748.01	1.76	MO	MONTHLY TRANSPORTATION VEHICLE NO. 1
749.3	2.4	UD	SURVEY PARTY (3 MAN)
749.4	1.2	UD	SURVEY PARTY (4 MAN)
771.951	4	EA	TREE PIT GRATE
782.422	4	EA	PEAR TREE-BRADFORD CALLERY 2-2.5 IN. CALIPER
804.2	220	LF	2 IN. ELECTRICAL CONDUIT - TYPE NM - PLASTIC -(UL)
804.3	630	LF	3 IN. ELECTRICAL CONDUIT - TYPE NM - PLASTIC -(UL)
811.28	7	EA	ELECTRIC HANDHOLE - PRECAST (MUNICIPAL STANDARD)
811.283	3	EA	ELECTRIC HANDHOLE EXTENDER (MUN. STD.)
812.091	6	EA	LIGHT STANDARD FOUNDATION PRECAST (MUN STD)
812.16	3	EA	SPECIAL LIGHT FOUNDATION
813.40	730	LF	WIRE TYPE 8 NO. 10 DIRECT BURIAL
813.43	1,000	LF	WIRE TYPE 8 NO. 4 DIRECT BURIAL
813.52+	340	LF	WIRE TYPE 10 NO.4 GROUNDING AND BONDING
813.70	35	LF	GROUND ROD
813.79	0.05	LS	INTERCONNECT CABLE SYSTEM
823.91	9	EA	CAST IRON LIGHT POST - (MUN. STD.)
823.92	9	EA	CAST IRON BRACKET ARM - (MUN. STD.)
823.93	18	EA	CAST IRON POST LUMINAIRE -(MUN. STD.) (150 WATT)
832.1	35	SF	WARNING-REGULATORY AND ROUTE MARKER - ALUM. PANEL TY. A
[illegible]	0.08	LS	SAFETY CONTROLS FOR CONSTRUCTION OPERATIONS
852.	120	SF	SAFETY SIGNING FOR CONSTRUCTION OPERATIONS
856.	96	UD	SPECIAL LIGHTING UNIT (FLASHING ARROW)
859.01	2,160	DD	REFLECTORIZED DRUM - PLASTIC
859.11	1,080	DD	REFLECTORIZED DRUM - W/FLASHER (TYPE A) - PLASTIC

"EXHIBIT B"

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF PUBLIC WORKS
PRELIMINARY ESTIMATE

BPAPLAF BOSTON PARK PLAZA

(3)BRA

ITEM NO.	QUANTITY	UNIT	ITEM DESCRIPTION
859.21	1,060	DD	REFLECTORIZED DRUM - W/LIGHT (TYPE C) - PLASTIC
864.04	140	SF	PAVEMENT ARROWS AND LEGENDS REFL. WHITE (THERMOPLASTIC)
865.1	370	SF	CROSS WALKS AND STOP LINES REFL. WHITE (THERMOPLASTIC)
866.04	260	LF	4 IN. REFLECTORIZED WHITE LINE (THERMOPLASTIC)
874.	2	EA	STREET NAME SIGN
874.2	1	EA	TRAFFIC SIGN REMOVED AND RESET
877.3	5	EA	SIGN POST 2 IN. STEEL
905.	5	CY	CLASS E CEMENT CONC. MASONRY
964.1	700	SF	EPOXY BONDING COMPOUND
999.001	800	HRS	Traffic Police

"EXHIBIT B"

Boston

Raymond L. Flynn, Mayor

October 2, 1984

Mr Robert J McDonagh, P E
Chief Engineer
Department of Public Works
Ten Park Plaza
Boston, Massachusetts 02116

Dear Mr McDonagh:

This is in reply to your letter of August 24, 1984, regarding the availability of funding by the City of Boston in the amount of $985,111.00 for the Park Plaza Project.

I assume this amount is based on estimated project costs, and the actual amount to be stated in the Agreement will be determined subsequent to the bid opening.

Please be informed that the City funds are available as unencumbered balances in our State Aid "Chapter 90" accounts.

I request that the Park Plaza three-party agreement currently being finalized by your Department state that the payments to meet the City's commitment under the Agreement will be paid directly to the contractor by your Department. Said payments will be from State Aid funds for approved work that is submitted on your Resident Engineer's Estimate for contract quantities that are pertinent to the City's portion of the project.

I believe this will simplify the accounting and contractor payment process. Except for review and approval of Extra Work Orders, I require only a notification prior to final payment and accounting of costs for the project.

At your direction I will authorize the necessary State Aid agreements and assignment of funds in the amount necessary to fund the City's commitment for the project.

DEPARTMENT OF PUBLIC WORKS / Boston City Hall/City Hall Plaza 02201
Joseph F. Casazza, Commissioner, 725-4900
Robert P. Mehegan, Executive Secretary 725-4901

Enclosed herewith is the verification by Stephen Coyle, Director of the Boston Redevelopment Authority, that funding for their commitment to the Project for $665,000 is available.

Payments to meet the Authority's commitment will be made by the Authority to the contractor at such times and in such amounts as specified in written orders from your agency to the Authority.

Very truly yours,

JOSEPH F CASAZZA
Commissioner of Public Works

JFC:FEO'R:jb
enc

cc: S Coyle
F Caruso
M Bailey

Boston Redevelopment Authority

Stephen F. Coyle/Director

October 2, 1984

Mr. Joseph F. Casazza
Commissioner
Boston Department of Public Works
Room 714
Boston City Hall
1 City Hall Square
Boston, MA 02201

RE: PARK PLAZA PROJECT

Dear Commissioner Casazza:

This is to inform you that the Boston Redevelopment Authority has available its estimated share of $665,000 for the Park Plaza Street and Sidewalk Improvements Project. These funds will come from the Park Plaza Loan Order.

We look forward to the start of actual construction on this long awaited public improvement project in the spring.

Sincerely yours,

Stephen Coyle
Director

SC:bap

1 City Hall Square
Boston, Massachusetts 02201
(617) 722-4300